SUBMIT THE FOLLOWING COMPLETED FORM TO YOUR LOCAL PLUMBING INSPECTOR William Small, III

DATE William Small	OWNER Same
NUMBER OF BEDROOMS 5	STREET 7 Taylor St.
SIZE OF SEPTIC TANK 1000	CITY Augusta MAINE
TYPE OF SOIL Buxton	TEL. NUMBER 2-1930
Test Performed by Lloyd Rowe	LOCATION OF PROPOSED INSTALLATION
Local Plumbing Inspector's Signature George L. Smith	STREET 3 Corner Pond
	CITY Augusta MAINE
	TEL. NUMBER

SKETCH: LOCATION OF BUILDING DISPOSAL SYSTEM, TERRAIN FEATURES, PERCOLATION HOLES, WATER SUPPLIES, ETC.

Ralph Woning, my associate did a perc test on this lot 2 years ago & found the same problem of a clay subsoil, but was finally able to get an adequate test by going shallow & recommending fill.

This is a tough place to put a field. Top of the slope has exposed bedrock, the foot of the slope is swampy & the land in between has a clay subsoil at about 18" & has very slow permeability below that depth.

We tried 4 holes, but due to heavy rains June 16 & 17, could get only #2 to show result at the depth tested. The other holes were tested deeper & had rates in excess of 120 minutes per inch.

Ralph's test is lost, but there is an old plumbing permit still in existence.

We could get most any perc rate by testing shallow enough, but at 18" ± we're all done.

____ Depth to Water Table
____ Depth to Bedrock
"C" Depth to Clay or other impervious strata

REMARKS OVER

Holes were primed on June 18

HOLE	HOLE DEPTH	TIME START	TIME FINISH	DEPTH OF WATER SURFACE START	DEPTH OF WATER SURFACE FINISH	ELAPSED TIME	TOTAL DROP OF WATER	PERCOL. RATE MINUTES/INCH
#1	24" in.	9:40AM	12:45	11½ in.	17½ in.	185 min.	6 in.	30.8 min/in
#2	in.			in.	in.	min.	in.	min/in
#3	in.			in.	in.	min.	in.	min/in
#4	in.			in.	in.	min.	in.	min/in
						AVERAGE RATE		min/in

If the system is properly managed, a built up field can work here with no health hazard and no measurable pollution of the lake. Some measures that should be considered.

Go to laundrymat during wet seasons.
Use shower instead of tub mostly.
Install plumbing with low gallonage nozzles & reduced water pressure.
Have the septic tank pumped semi-annually.

Normal use should create no problems, but heavy use and lack of maintenance will surely cause problems within a very few years.

The new plumbing code would allow only a mound system & that would be very difficult to install because of space limitations & slope.

The only alternatives would be non-discharge (holding tank) or pumping about 1500' to a high knoll & building a mound there — if you can get land rights & solve a very severe financial problem.

Lloyd Rowe P.E.

ORIGINAL---To be sent to Division of Health Engineering, August, Maine 04330

MAINE DEPARTMENT OF HEALTH AND WELFARE
DIVISION OF HEALTH ENGINEERING

Application for Private Sewage Disposal Permit

Name of Applicant: William Small Name of Establishment: —

Mailing Address: 7 Taylor St. Augusta Project Location: 3 Corner Pond Augusta

Zip Code: _____ Telephone: 2-1930

Date Received _____
Review Date _____
Initials _____
☐ Approved
☐ Unapproved

TYPE OF FACILITY (Check Where Applicable)

☐ Mobile Home Park ☐ Nursing Home ☐ Restaurant ☐ Motel ☑ Single Family Dwelling
☐ Camping Area ☐ Seasonal Dwelling ☐ Subdivision ☐ School ☐ Other _____

ADDITIONAL INFORMATION (Check Where Applicable)

☑ New Construction ☐ Replacement ☐ Remodeling Number of Bedrooms 3; Number of units/seating capacity _____

SOURCE OF WATER SUPPLY: ☐ Public ☐ Private If private, ☐ Dug Well ☑ Drilled Well ☐ Spring ☐ Surface Supply

PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED (Flow in excess of 2,000 gallons per day requires a plan by a registered professional engineer)

☑ Septic tank with absorption trenches ☐ Aeration unit (model _____) ☐ Other _____

SITE EVALUATION

Percolation test performed by Lloyd Rowe; License No. 1928 Date Performed 6/19/74; Percolation Rate 30.8 min/inch

☑ Registered Professional Engineer ☐ Registered Land Surveyor ☐ Master Plumber ☐ Other _____

Describe soil (top and underlying) observed: see attached write up

Depth to ledge _____; Depth to water table 18"; Depth to mottling (evidence of maximum groundwater elevation) 15"-22"

SIZE AND TYPE OF SEPTIC TANK PROPOSED

☐ 750 gallons ☐ 900 gallons ☑ 1,000 gallons ☐ Other _____

☑ Concrete ☐ Steel ☐ Fiberglass Manufacturer (if other than concrete) _____

ABSORPTION TRENCHES

Number of absorption trenches 5; Length of trenches (total) 255'

If there is more than one subsurface absorption trench, is a distribution box provided? ☑ Yes ☐ No

If the length of absorption trench is in excess of 500 linear feet, is a dosing tank provided? ☐ Yes ☐ No

If more than 1,000 linear feet of absorption trench are the siphons and pumps automatic and alternating? ☐ Yes ☐ No

Size of Dosing Tank _____ gallons

Frequency of discharge _____ hrs.

TYPE OF PERCOLATION PIPE PROPOSED

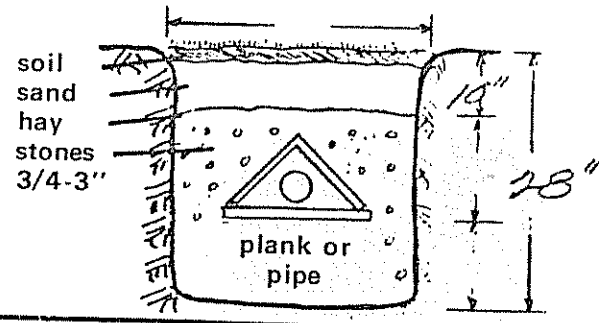
☐ Inverted wooden vee plank ☐ Agricultural tile ☑ Perforated plastic pipe

Pipe Diameter 4" ☐ ABS ☐ PVC

LOCATION OF DISPOSAL FACILITIES

	Distance in feet from septic tank	Distance in feet from disposal area
1. Property lines	30 ft.	25' ft.
2. Normal high water mark of any lake, pond, stream, river, or similar intermittent watercourse	100' ft.	100' ft.
3. Well or spring	100' ft.	100' ft.
4. Buildings	35' ft.	40' ft.

SUBSURFACE ABSORPTION TRENCHES



I CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT. FALSIFICATION OF THIS APPLICATION GIVES THE DEPARTMENT OF HEALTH AND WELFARE THE RIGHT TO DENY PERMISSION TO INSTALL A PRIVATE SUBSURFACE SEWAGE DISPOSAL SYSTEM.

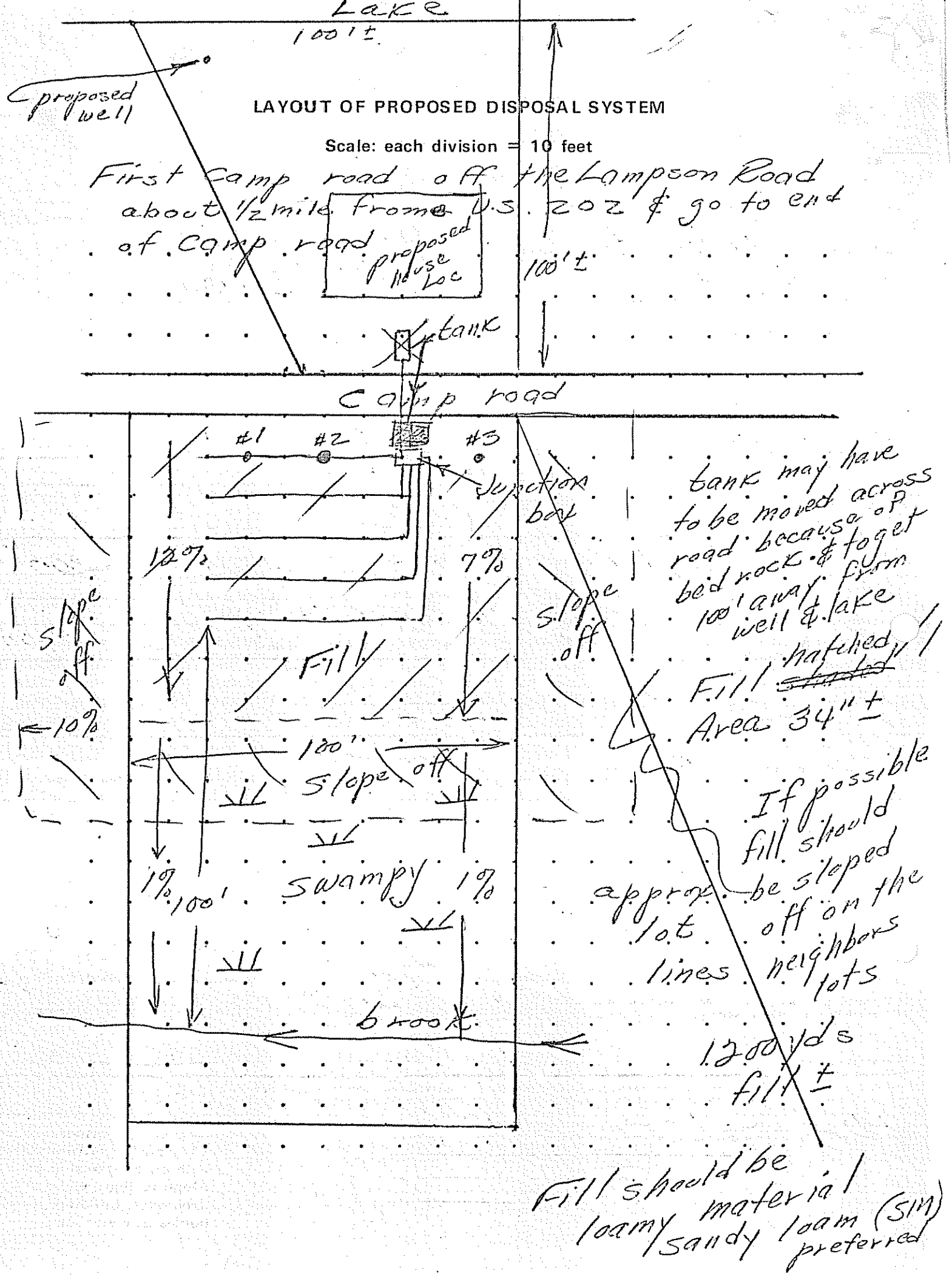
Lloyd C. Rowe 6/20/74
Name of person who completed the application (please print) Date

Signature of the Owner Lloyd Rowe

Signature of the Local Plumbing Inspector

Name of person installing system License No.

NOTE: Show layout and location of proposed disposal facilities on the reverse side with its relationship to property lines, wells, driveways, buildings, bodies of water, etc.


Lake
100'±
proposed well
LAYOUT OF PROPOSED DISPOSAL SYSTEM
Scale: each division = 10 feet
First camp road off the Lampson Road about 1/2 mile from U.S. 202 & go to end of camp road
proposed house loc
100'±
tank
Camp road
#1
#2
#3
Junction box
12%
7%
slope off
slope off
Fill
10%
100'
slope off
1%
100'
swampy
1%
approx lot lines
brook
tank may have to be moved across road because of bed rock & to get 100' away from well & lake
Fill hatched Area 34"±
If possible fill should be sloped off on the neighbors lots
1200 yds fill ±
Fill should be loamy material sandy loam (SM) preferred